

2. (Amended) The shuttle vector of claim 1, wherein the selectable marker is capable of conferring resistance to a bleomycin/phleomycin-type antibiotic.

A2
Amended

3. (Amended) The shuttle vector of claim 2, wherein the bleomycin/phleomycin-type antibiotic is Zeocin.

4. (unchanged) The shuttle vector of claim 1, further comprising an insertion site for heterologous DNA.

5. (unchanged) The shuttle vector of claim 4, wherein the insertion site for heterologous DNA is under the transcriptional control of a second insect promoter.

6. (unchanged) The shuttle vector of claim 5, further comprising a heterologous DNA sequence inserted at the insertion site and under the transcriptional control of the second insect promoter.

7. (Amended) The shuttle vector of claim 1, wherein the insect promoter is an immediate early baculovirus promoter.

A3

8. (Amended) The shuttle vector of claims 7, wherein the insect promoter comprises an IE2B element having a sequence ACAGGACGC (SEQ ID NO: 10).

9. (Amended) The shuttle vector of claim 8, wherein the insect promoter comprises a sequence as shown in SEQ ID NO: 1 from bp 351 to bp 527.

10. (Amended) The shuttle vector of claim 9, wherein the insect promoter comprises a sequence as shown in SEQ ID NO: 1.

11. (Amended) The shuttle vector of claim 1 further comprising DNA transposable elements.

12. (Amended) The shuttle vector of claim 11, wherein the selectable marker coding sequence is between the transposable elements.

ab
cancel

13. (Amended) The shuttle vector of claim 12, further comprising an insertion site for heterologous DNA between the transposable elements.

14. (unchanged) The shuttle vector of claim 13, further comprising a heterologous DNA sequence inserted at the insertion site and under the transcriptional control of a second insect promoter.

all

15. (Amended) The shuttle vector of claim 11, further comprising an inducible transposase gene between the transposable elements.

16. (unchanged) Insect cells transformed with the shuttle vector of claim 1.

17. (unchanged) Insect cells transformed with the shuttle vector of claim 11.

18. (Cancel)

19. (Cancel)

20. (Cancel)

21. (Cancel)

22. (Cancel)

ab

23. (Amended) Recombinant insect cells transformed with the shuttle vector of claim 1, expressing a heterologous insect ion transport peptide hormone.

24. (Cancel)

25. (Cancel)

26. (Cancel)